

Form PTO-1449 (Rev. 2-32)		U.S. Department of Commerce Patent & Trademark Office		Atty. Docket No. Q64395	Serial No.: 09/851,416 Confirmation No.: 1903		
<b>INFORMATION DISCLOSURE STATEMENT</b> (Use several sheets if necessary)		Applicant: Seiji ISHIZUKA, et al.					
				Filing Date: May 09, 2001	Group: 2871		
U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date (if appropriate)
		3,956,790	05/18/76	ISHIWATA, et al	15	302	
		4,577,362	03/25/86	TANAKA, et al	15	256.5	
		5,064,697	11/12/91	TAKIGUCHI, et al	428	1	
		5,506,706	04/09/96	YAMAHARA, et al	359	73	
		5,583,679	12/10/96	ITO, et al	349	118	
		5,631,051	05/20/97	ITO	428	1	
		5,646,703	07/08/97	KAMADA, et al	349	118	
FOREIGN PATENT DOCUMENTS							
		Document	Date	Country	Class	Sub-class	Translation Yes/No
		0 911 656	04/28/99	EP	G02B	5/30	YES
		62-65872	03/25/87	JP	B65H	23/00	YES
		3-291601	12/20/91	JP	G02B	5/30	YES
		5-50419	07/29/93	JP	B65H	23/00	YES
		5-215921	08/27/93	JP	G02B	5/30	YES
		6-75115	03/18/94	JP	G02B	5/30	YES
		9-73081	03/18/97	JP	G02F	1/335	YES
		9-152509	06/10/97	JP	G02B	5/30	YES
		10-290964	11/04/98	JP	B08B	5/00	YES
		10-309553	11/24/98	JP	B08B	11/00	YES
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
		Abstracts					
EXAMINER:		DATE CONSIDERED: 11/05/03					
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Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date (if appropriate)
AR		4,569,695	2/11/1986	Yamashita et al.	134	1	
AR		5,853,801	12/29/1998	Suga et al.	427	164	
FOREIGN PATENT DOCUMENTS							
		Document	Date	Country	Class	Sub-class	Translation Yes/No
AR		8-1122	1/9/1996	Japan	B08B	11/00	
AR		9-292617	11/11/1997	Japan	G02F	1/1337	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
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